

Brunstein, A., de Oliveira, P. S., Bucher, P., Jongeneel, C. V., O'Hare, M. J., Soares, F., Brentani, R. R., Reis, I. F., de Souza, S. J., and Simpson, A. T.
TITLE Shotgun sequencing of the human transcriptome with cRF expressed sequence tags
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)
MEDLINE 20:2663
COMMENT Contact: Simpson A.J.G.
 Laboratory of Cancer Genetics
 Ludwig Institute for Cancer Research
 Av. Antonio Prado 190, 4 andar, 01569-010, São Paulo - SP, Brazil
 Tel: +55-11-2704922
 Fax: +55-11-2707001
 Email: asimpson@ludwig.org.br
 This sequence was derived from the FAPESP/LICR Human Cancer Genome Project. This entry can be seen in the following URL
<http://www.ludwig.org.br/scripts/gcthmiz2.pl?pt1=RCT&t2=RCE+F104&B0=00-013-R001-2000-06-28&f4=1>

Seq primer: puc 18 forward
 High quality sequence start: 14
 High quality sequence stop: 129.
 Local/Qualifiers 1..129
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="ET0046"
 /dev_stag="Adult"
 /note="organ: lung-tumor; Vector: puc18; Site_1: small;
 site_2: small; A mini-library was made by cloning products
 derived from ORFESTES PCK (U.S. Letters patent application
 No. 196,716 - Ludwig Institute for Cancer Research)
 profiles into the pUC 18 vector. Reverse transcription of
 tissue mRNA and cDNA amplification were performed under
 low stringency conditions."
 BASE COUNT 27 a 37 c 29 g 36 t

FEATURES source
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="ET0046"
 /dev_stag="Adult"
 /note="organ: lung-tumor; Vector: puc18; Site_1: small;
 site_2: small; A mini-library was made by cloning products
 derived from ORFESTES PCK (U.S. Letters patent application
 No. 196,716 - Ludwig Institute for Cancer Research)
 profiles into the pUC 18 vector. Reverse transcription of
 tissue mRNA and cDNA amplification were performed under
 low stringency conditions."
 BASE COUNT 27 a 37 c 29 g 36 t

COMMENT contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave, Cleveland, OH 44115, USA
 Tel: 216 441 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 130.
FEATURES SOURCE
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athertys RAGE library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide protein expression
 Libraries using Random Activation of Gene Expression'
 Nature Biotechnology, in press. Note that even though the
 cell type indicated is HT1080, since a random activation
 method was used, these sequence tags are not necessarily
 expressed in HT1080 under normal circumstances."

BASE COUNT 49 a 21 c 27 g 33 t
ORIGIN

ALIGNMENT SCORES:
 pred. No.: 1.0e+03
 Score: 28.00
 Percent Similarity: 100.00%
 Best Local Similarity: 100.00%
 Query Match: 100.00%
 DB: 12
 US-09-856-070-26 (1-5) x HU18bb86 (1-150)

RESULT 3
LOCUS BG193987
DEFINITION RST13129 Athertys RAGE library mRNA sequence.
ACCESSION BG193987
VERSION BG193987.1
KEYWORDS EST
SOURCE human
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Harrington,J.-J., Sherf,B., Rundlett,S., Jackson,P.D., Perry,R., Cain,S., Leventhal,C., Thornton,M., Ramachandran,R., Whittington,J., Lerner,L., Costanzo,D., McElligott,K., Bozler,S., Mays,R., Smith,E., Veloso,N., Klika,A., Hess,J., Cothern,K., Lo,K., Offenbacher,J., Danzig,J., and Dicar,M.
TITLE Creation of genome-wide protein expression libraries using random activation of gene expression
JOURNAL Nat. Biotechnol. 19 (5), 440-445 (2001)
MEDLINE 21227151
COMMENT contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave, Cleveland, OH 44115, USA
 Tel: 216 441 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 130.
FEATURES SOURCE
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athertys RAGE library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression'
 Nature Biotechnology, in press. Note that even though the

FEATURES source
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athertys RAGE library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression'
 Nature Biotechnology, in press. Note that even though the

ALIGNMENT SCORES:
 pred. No.: 1.0e+03
 Score: 28.00
 Percent Similarity: 100.00%
 Best Local Similarity: 100.00%
 Query Match: 100.00%
 DB: 12
 US-09-856-070-26 (1-5) x BF359041 (1-129)

RESULT 5
LOCUS BG193987
DEFINITION RST13129 Athertys RAGE library mRNA sequence.
ACCESSION BG193987
VERSION BG193987.1
KEYWORDS EST
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Harrington,J.-J., Sherf,B., Rundlett,S., Jackson,P.D., Perry,R., Cain,S., Leventhal,C., Thornton,M., Ramachandran,R., Whittington,J., Lerner,L., Costanzo,D., McElligott,K., Bozler,S., Mays,R., Smith,E., Veloso,N., Klika,A., Hess,J., Cothern,K., Lo,K., Offenbacher,J., Danzig,J., and Dicar,M.
TITLE Creation of genome-wide protein expression libraries using random activation of gene expression
JOURNAL Nat. Biotechnol. 19 (5), 440-445 (2001)
MEDLINE 21227151
COMMENT contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave, Cleveland, OH 44115, USA
 Tel: 216 441 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 130.
FEATURES SOURCE
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athertys RAGE library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression'
 Nature Biotechnology, in press. Note that even though the

ALIGNMENT SCORES:
 pred. No.: 1.0e+03
 Score: 28.00
 Percent Similarity: 100.00%
 Best Local Similarity: 100.00%
 Query Match: 100.00%
 DB: 12
 US-09-856-070-26 (1-5) x BF359041 (1-129)

RESULT 5
LOCUS BG193987
DEFINITION RST13129 Athertys RAGE library mRNA sequence.
ACCESSION BG193987
VERSION BG193987.1
KEYWORDS EST
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Harrington,J.-J., Sherf,B., Rundlett,S., Jackson,P.D., Perry,R., Cain,S., Leventhal,C., Thornton,M., Ramachandran,R., Whittington,J., Lerner,L., Costanzo,D., McElligott,K., Bozler,S., Mays,R., Smith,E., Veloso,N., Klika,A., Hess,J., Cothern,K., Lo,K., Offenbacher,J., Danzig,J., and Dicar,M.
TITLE Creation of genome-wide protein expression libraries using random activation of gene expression
JOURNAL Nat. Biotechnol. 19 (5), 440-445 (2001)
MEDLINE 21227151
COMMENT contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave, Cleveland, OH 44115, USA
 Tel: 216 441 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 130.
FEATURES SOURCE
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athertys RAGE library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression'
 Nature Biotechnology, in press. Note that even though the

cell type indicated is AT1080, since a random activation method was used; these sequence tags are not necessarily expressed in AT1080 and/or normal ciliogenesis. 21 c 27 q 31 t

TITLE		CITATION	
JOURNAL	MEDLINE COMMENT	Author(s)	Source
Dantzig, J., and Iucar, M.		Creation of genome-wide protein expression libraries using random activation of gene expression	
Nat. Biotechnol. 19 (5), 440-445 (2001)			
3201 Carnegie Ave, Cleveland, OH 44115, USA			
Tel: 216.431.9900			
Fax: 216.361.9596			
Email: scain@athersys.com			
High quality sequence stop: 137.			
Location/Qualifiers			
1..137			
Organization—"Homo sapiens"			
/db_xref="taxon:9606"			
/clone_id="Ath-1"			
/cell_line="HT1080"			
/note="See 'Creation of Genome-wide protein expression libraries using random Activation of gene expression', Nature Biotechnology, in press. Note that even though the cell type indicated is HT1080, since a random activation method was used, these sequence tags are not necessarily expressed in HT1080 under normal circumstances."			
33 a	31 c	23 g	50 t
USE COUNT			

Address: 116-329 Carnegie Ave., Cleveland, OH 44111
 Tel.: 216.431.9400
 Fax: 216.361.9596
 Email: stein@athersys.com
 High quality sequence shop: 139.
 Location/Qualifiers
 1. -139
 Zootaxa 666: 1-139
 Homo sapiens*

Query Match: 100.00% Indels: 0 Matches: 5
 DB: 12 Gaps: 0 Conservative: 0
 US 09-856-070-26 (1-5) x HG19:9888 (1-139) Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 9 Gaps: 0

RESULT 9
 A1130110 LOCUS SW0V3CAN40004 142 bp mRNA linear EST 26-MAP-1999 Score: 28.00
 DEFINITION Onchocerca volvulus infective larva cDNA Forcast Similarity: 100.00%
 (SAW4WL-OVL3) Onchocerca volvulus cDNA clone containing 5' similar Best Local Similarity: 100.00%
 to WT-2235..5 CEB-934 TROPONIN T-LIKE PROTEIN contains element L1 Query Match: 100.00%
 I.I. repetitive element 7, mRNA sequence. DB: 107 CAAGATTAAGAGAA 121
 ACCESSION A1130110 LOCUS BE170685 148 bp mRNA linear HS1 21-JUN-2000
 VERSION A1130110.1 ACCESSION BE170685
 KEYWORDS EST VERSION BE170685 1 GI:9633406
 SOURCE human.
 ORGANISM Homo sapiens
 Bukayota, Matzuzo; Chourda, Granata, Verterbato, Latreostomi;
 Onchocercidae; Onchocerca. Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
 REFERENCE 1 (bases 1 to 142)
 AUTHORS Williams,S.A., Livotto Waniewski,M., Laney,S., Wenkong,J., Hillier,L., Allen,M., Bowles,L., Geisel,S., Jost,S., Kucaba,T., Martin,J., Stepto,M., Theising,H., White,Y., Wylic,T., Chappell,J., Person,B., Gibbons,M., Harvey,N., Pape,D., Chamberlain,A., Morales,R., Schurk,P., Pittier,P., Kohn,S., Underwood,K., and Marra,M.
 TITLE Molecular Parasitology Ovl3
 Unpublished (1998)
 Contact: Steven A. Williams
 Molecular Parasitology
 Smith College Department of Biological Sciences, Clark Science Center, Smith
 Department of Biological Sciences, Clark Science Center, Smith
 College, Northampton, MA, 01063, USA
 Tel: 4135853826 Fax: 4135853826
 Email: genome@smith.edu
 The library was constructed by Wenkong Lu. The library is available from Dr. S.A. Williams, email genome@smith.edu When requesting this clone from Dr. Williams, please reference the Williams lab clone id - SW0V3CAN40004.

Trace considered overall poor quality
 Putative full length read
 Possible reversed clone: similarity on wrong strand
 Seq primer: T3-ET from Amersham
 High quality sequence stop: 1.

FEATURES Source
 1..142 Location/Qualifiers
 /organism="Onchocerca volvulus"
 /strain="Sierra Leone"
 /db_xref="Axon-KB2"
 /clone="onchb56"
 /clone...lib="Onchocerca volvulus intestinal larva cDNA
 (SAW4WL-OVL3)"
 /lab_host="X.I.I-BIUE MRF"
 /note="Vector: Lambda Unipr XR Site 1, V.R. 1, Site 2
 Xho 1; Cutaneous filarial nematode parasite of humans."
 mRNA was prepared from third stage infective larvae of
 Onchocerca volvulus isolated from mosquitoes 10 days after
 infection and converted to double stranded cDNA using
 reverse transcriptase and oligo(dT) followed by RNase H
 and DNAPol I. The library had 1.8 x 10E5 independent
 recombinants and average insert size was 900 base pairs.
 The library was constructed by Wenkong Lu. The library is
 available from Dr. S.A. Williams, email genome@smith.edu."

BASE COUNT 65 a Length: 142
 ORIGIN 28 c 33 g 16 t
 Alignment Scores: 1.14e+33
 Pred. No.: 1
 BASE COUNT 65 a Length: 142
 ORIGIN 28 c 33 g 16 t
 Alignment Scores: 1.14e+33
 Pred. No.: 1

RESULT 10
 A1130110 LOCUS BE170685 148 bp mRNA linear HS1 21-JUN-2000
 DEFINITION QV4-H19539-U0300-120-j04 HI0539 human sapiens cDNA, mRNA sequence.
 SOURCE human.
 ORGANISM Homo sapiens
 Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
 REFERENCE 1 (bases 1 to 148)
 AUTHORS Nagai,M.A., da Silva,W.Jr., Vazquez,A., Almeida,S., Briones,M.F., Gómez,R.H., Carvalho,A.F., Matsukuma,A., Baia,G.S., Simpson,D.H., Brunstein,A., de oliveira,P.S., Bucher,P., Jongeneel,C.V., O'Hare,M.J., Soares,F., Brentano,R.R., Reis,I.F., de Souza,S.J., and Simpson,A.J.
 TITLE Shotgun sequencing of the human transcriptome with ORF expressed sequence tags
 PROC. NATL. ACAD. SCI. U.S.A. 97 (7), 3491-3496 (2000)
 JOURNAL
 MEDLINE
 COMMENT Contact: Simpson,A.J.G.
 Laboratory of Cancer Genetics
 Ludwig Institute for Cancer Research
 Rua Prof. Antônio Prudente 109, 4 andar, 01509-010, São Paulo-SP,
 Brazil Tel: 55-11-2704932
 Fax: 55-11-2707001
 Email: asimpon@ludwig.org.br
 This sequence was derived from the FAPESP/LICR Human Cancer Genome project. This entry can be seen in the following URL
 (<http://www.ludwig.org.br/cgi-bin/getfull2.pl?tit=qv4-H10539-014>)
 Seq primer: puc18 forward
 High quality sequence start: 6
 High quality sequence stop: 148.
 Location/Qualifiers
 1..148
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone...lib="HI0539"
 /dev_stage="Adult"
 /birth...date="1998-01-01"
 /site_1: Small, A mini library was made by cloning products derived from OPESPE PCR (OPESPE) profiles into the puc18 vector. The puc18 vector contains transcription sites for Cancer Research
 45-36,716. Ludwig Institute for Cancer Research profiles into the puc18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions.
 BASE COUNT 57 a Length: 22 C
 ORIGIN 31 g 48 t
 Alignment Scores: 1.21e+03
 Pred. No.: 1
 BASE COUNT 65 a Length: 142
 ORIGIN 28 c 33 g 16 t
 Alignment Scores: 1.14e+33
 Pred. No.: 1

AUTHORS Dias Neto, P., Garcia Correa, R., Verjovskii, Aimeida, S., Brilhantes, M. R., Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, A., Costa, F. F., Goldman, G. H., Carvalho, A. F., Matsukuma, A., Bala, G. S., Simpson, D. H., Brunstein, A., de oliveira, P. S., Bucher, P., Jocenel, C. V., O'Hare, M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J. and Simpson, A. J.

TITLE Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)

MEDLINE 20202663

COMMENT Contact: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, São Paulo - SP, Brazil
Tel: +55-11-27046221
Fax: +55-11-27070011
Email: asimpson@ludwig.org.br

This sequence was derived from the LUDWIG Human Genome Project. This entry can be seen in the following URL (<http://www.ludwig.org.br/scripts/etrehml2.pl?r1=612-MR1-SN0045-060400-001-402&r1=2400-04-06&r1=41>)

SEQUENCE Reis, L. F., de Souza, S. J. and Simpson, A. J.

SEQUENCE COMMENTS This sequence was derived from the LUDWIG Human Genome Project. This entry can be seen in the following URL (<http://www.ludwig.org.br/scripts/etrehml2.pl?r1=612-MR1-SN0045-060400-001-402&r1=2400-04-06&r1=41>)

SEQUENCE FEATURES

- source** /db_xref="taxon:9606"
- location** /db_xref="taxon:9606"
- stage** "Adult"
- vector** "PUC18"
- start** 4
- end** 159
- strand** forward
- product** High quality sequence stop: 159.
- product** High quality sequence stop: 159.
- product** 1..159
- product** location/qualifiers
- product** /organism="Homo sapiens"
- product** /db_xref="taxon:9606"
- product** /clone_id="ET0207"
- product** /dev_stage="Adult"
- product** /note="Caudal, stomach, heart, Vector. PUC18, Site_1: Small; Site_2: Small; A mini-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the PUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."
- product** SOURCE: Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, São Paulo SP, Brazil

SEQUENCE DEFINITION EST 13-JNN-2001

ACCESSION ET0207-230101-10E-403

VERSION B1013708.1

KEYWORDS EST, human, Homo sapiens

ORGANISM Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Primates, Catarrhini, Hominoidea, Homo.

REFERENCE Dias Neto, P., Garcia Correa, R., Verjovskii, Aimeida, S., Brilhantes, M. R., Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, A., Costa, F. F., Goldman, G. H., Carvalho, A. F., Matsukuma, A., Bala, G. S., Simpson, D. H., Brunstein, A., de oliveira, P. S., Bucher, P., Jocenel, C. V., O'Hare, M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J. and Simpson, A. J.

AUTHORS Dias Neto, P., Garcia Correa, R., Verjovskii, Aimeida, S., Brilhantes, M. R., Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, A., Costa, F. F., Goldman, G. H., Carvalho, A. F., Matsukuma, A., Bala, G. S., Simpson, D. H., Brunstein, A., de oliveira, P. S., Bucher, P., Jocenel, C. V., O'Hare, M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J. and Simpson, A. J.

TITLE Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)

MEDLINE 20202663

COMMENT Contact: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, São Paulo - SP, Brazil
Tel: +55-11-27046221
Fax: +55-11-27070011

This sequence was derived from the FAUST/LICR Human Genome Project. This entry can be seen in the following URL (http://www.ludwig.org.br/scripts/etrehml2.pl?r1=PM3-ET0207-230101-006_ac36t3_2001-01-23&t41)

SEQUENCE Seq. primer: puc 18 forward
High quality sequence stop: 161.

SEQUENCE FEATURES

- source** /organism="Homo sapiens"
- location** /db_xref="taxon:9606"
- stage** "Adult"
- vector** "PUC18"
- start** 1..164
- end** 161
- strand** forward
- product** High quality sequence stop: 161.
- product** 1..164
- product** location/qualifiers
- product** /organism="Homo sapiens"
- product** /db_xref="taxon:9606"
- product** /clone_id="ET0207"
- product** /dev_stage="Adult"
- product** /note="Small; A mini-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the PUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."
- product** SOURCE: Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, São Paulo SP, Brazil

SEQUENCE DEFINITION Vector: PUC18; Site_1: Small; Site_2: Small; A mini-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the PUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions.

ACCESSION ET0207-230101-10E-403

VERSION B1013708.1

KEYWORDS EST, human, Homo sapiens

ORGANISM Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Primates, Catarrhini, Hominoidea, Homo.

REFERENCE Dias Neto, P., Garcia Correa, R., Verjovskii, Aimeida, S., Brilhantes, M. R., Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, A., Costa, F. F., Goldman, G. H., Carvalho, A. F., Matsukuma, A., Bala, G. S., Simpson, D. H., Brunstein, A., de oliveira, P. S., Bucher, P., Jocenel, C. V., O'Hare, M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J. and Simpson, A. J.

SEQUENCE DEFINITION EST 13-JNN-2001

ACCESSION ET0207-230101-10E-403

VERSION B1013708.1

KEYWORDS EST, human, Homo sapiens

ORGANISM Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Primates, Catarrhini, Hominoidea, Homo.

REFERENCE Dias Neto, P., Garcia Correa, R., Verjovskii, Aimeida, S., Brilhantes, M. R., Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, A., Costa, F. F., Goldman, G. H., Carvalho, A. F., Matsukuma, A., Bala, G. S., Simpson, D. H., Brunstein, A., de oliveira, P. S., Bucher, P., Jocenel, C. V., O'Hare, M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J. and Simpson, A. J.

FEATURES	SOURCE
Class: BAC ends.	
Seq primer: U7	
Location/Qualifiers	
1..167	
/organism="Mus musculus"	
/strain="C57BL/6J"	
/db_xref="10090"	
/clone="RPCI-23-418"	
/clone_lib="RPCI-23"	
/sex="Female"	
/lab_host="DH10B"	
/note="Brain, Kidney/Brain, Vector; pBACE3.6; Site 1: ECO RI; Site 2: Bgl BI; Formate, C57BL/6J mouse kidney and/or brain genomic DNA was isolated and partially digested with a combination of EcoRI and EcoRI Methylase. Site selected DNA was cloned into the pBACE3.6 vector at the EcoRI sites. The ligation products were transformed into DH10B electrocompetent cells (BRL Life Technologies). 4 a 27 c 25 a 71 t	
BASE COUNT	

Alignment Scores:	Length
Pred. No.: 1.44e+03	Match
Score: 28.00	Conse
Percent Similarity: 100.00%	Mish
Boost Local Similarity: 100.00%	Indel
Quality Match: 17	Gaps.
DB4B	17

(29) -1) 61878200 x (5-1) 98-020-958-60 5111

Example Programs

159 CAGGACTTAAAGAA 145

SEARCH COMPLETED: JANUARY 16, 2003, 21:37:14

JOURNAL OF CLIMATE, VOL. 17, 3633–3648, SEPTEMBER 2004